

## Product datasheet for **AP09716PU-L**

### Estriol Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: 5µg/ml. <u>Sensitivity:</u> ELISA microtitre plate based and expressed as IC50. Estriol IC50 0.7 ng/ml.
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Estriol (16)-BTG
Specificity:	This antibody reacts to Estriol (16). The antibody exhibited cross-reactivity for the following compounds: Estradiol, Estrone. The antibody did not cross-react with the following compounds: Estriol-3-sulphate, Estriol glucuronide, Estriol-17-sulphate.
Formulation:	20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative State: Ig Fraction State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Estriol is a hydroxylated metabolite of ESTRADIOL or ESTRONE that has a hydroxyl group at C3-beta, 16-alpha, and 17-beta position. Estriol is the main estrogen in the blood and urine of pregnant females. During pregnancy, large amount of estriol is produced by the placenta. Serum estriol determinations reflect the status of the fetus and are used to evaluate fetal distress and placental function. Estriol increases until term, reaches a plateau at the 40th week of gestation and then declines.
Synonyms:	Oestriol



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